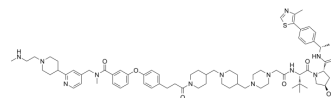


CARM1 degrader-2

Cat. No.:	HY-156153
CAS No.:	3032785-06-8
Molecular Formula:	C ₇₂ H ₁₀₀ N ₁₂ O ₇ S
Molecular Weight:	1277.71
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PROTAC CARM1 degrader-2 (compound 3e) is a degrader (DC ₅₀ =8.8 nM) of co-activator associated argininemethyltransferase (CARM1). PROTAC CARM1 degrader-2 degrades CARM1 in a VHL- and proteasome-dependent manner. Thus, PROTAC CARM1 degrader-2 inhibits methylation of CARM1 substrates such as poly(A)-binding protein PABP1 and BGR1-associated factor BAF155 and inhibits breast cancer cell migration ^[1] .
IC ₅₀ & Target	DC50: 8.8 nM (CARM1) ^[1]

REFERENCES

[1]. Xie H, et al. Development of Potent and Selective Coactivator-Associated Arginine Methyltransferase 1 (CARM1) Degraders. J Med Chem. 2023 Sep 13..

Caution: Product has not been fully validated for medical applications. For research use only.

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